

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 2 of 19

Attorney's Docket No.: 07844-746001 / M143

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of editing a set of information comprising a plurality of objects, the method comprising:

receiving a first set of at least one command in a graphical editor, said graphical editor allowing the information in the set to be edited by graphical manipulation of graphical representations of the plurality of the objects, ~~said graphical representations comprising at least one selected from a graphic and a text character;~~

identifying an initial text responsive to the set of information and the indication of the at least one command; and

displaying, responsive to the initial text identified, at a location on a display screen, a text-based editor for editing ~~at least one selected from:~~

~~adding text to, and~~

~~altering text of,~~

a portion of the information, the portion and the location responsive to at least the first set of at least one command.

2. (Original) The method of claim 1 additionally comprising:

receiving from an author at least one text alteration via the text-based editor; and

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 3 of 19

Attorney's Docket No.: 07844-746001 / M143

altering the information responsive to the receipt of the at least one text alteration and the first set of at least one command.

3. (Original) The method of claim 2:

additionally comprising receiving a second set of at least one command after at least a portion of the first set of at least one command is received; and

wherein the altering step is responsive to the second set of at least one command.

4. (Original) The method of claim 1 wherein the first set of at least one command comprises a selection of at least one of the plurality of objects.

5. (Original) The method of claim 4 wherein the location is responsive to a location of the at least one object selected.

6. (Original) The method of claim 1 wherein the first set of at least one command comprises an indication of a location of an insertion point.

7. (Original) The method of claim 6 wherein the displaying step comprises displaying the text-based editor responsive to the location of the insertion point.

8. (Previously Presented) The method of claim 1 wherein at least a plurality of the plurality of objects each comprise a command, and the text based editor allows at least one selected from an addition and an alteration of not more than one of said commands at one time and an addition of not more than one additional command at a time.

9. (Previously Presented) The method of claim 8 wherein said commands each comprise not more than one begin tag and the additional command comprises not more than one additional begin tag.

10. (Currently Amended) The method of claim 1 additionally comprising displaying at a second location of a display screen an additional text based editor for editing ~~at least one selected from:~~

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 4 of 19

Attorney's Docket No.: 07844-746001 / M143

~~adding text to, and~~

~~altering text of,~~

at least a second portion of the information, at least one selected from the second portion and the second location unresponsive to at least the first set of at least one command.

11. (Previously Presented) The method of claim 1 wherein the information comprises source code.

12. (Previously Presented) The method of claim 11 wherein the source code comprises source code for a web page.

13. (Previously Presented) The method of claim 11 wherein the source code comprises source code for graphical information.

14. (Canceled)

15. (Previously Presented) The method of claim 1 wherein the text-based editor operates in one of a plurality of modes of operation responsive at least to the first set of at least one command.

16. (Previously Presented) The method of claim 15:

additionally comprising identifying a label responsive to the indication of the at least one command;

wherein the displaying step is responsive to the initial text identified; and

wherein the label identifies the one of the plurality of modes of operation of the text-based editor.

17. (Previously Presented) The method of claim 1 wherein the displaying step comprises:

identifying at least one label responsive to the first set of at least one command; and

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 5 of 19

Attorney's Docket No.: 07844-746001 / M143

displaying the at least one label identified.

18. (Previously Presented) The method of claim 1:

wherein the text-based editor accepts at least one word from a plurality of possible words; and

the method additionally comprising displaying the plurality of possible words.

19. (Previously Presented) The method of claim 18 wherein the displaying the plurality of possible words is responsive to a location of a cursor in the text editor.

20. (Previously Presented) The method of claim 18 wherein:

the plurality of possible words comprises at least one value of an attribute; and

the displaying the plurality of possible words step is responsive to at least one value of each of at least one corresponding attribute in the set of information.

21. (Previously Presented) The method of claim 1 wherein:

the text-based editor is additionally for receiving a command indicating a request to select a subset of text in the text-based editor; and

the method additionally comprising selecting the subset of text responsive to said command.

22. (Previously Presented) The method of claim 1, additionally comprising:

checking a syntax of the text; and

altering the text responsive to the checking step.

23. (Currently Amended) A system for editing a set of information comprising a plurality of objects, the system comprising:

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 6 of 19

Attorney's Docket No.: 07844-746001 / M143

a graphics editor having a first input for receiving a first set of at least one command, and a second input for receiving the set of information, the graphics editor for allowing the information in the set to be edited by graphical manipulation received at the graphics editor first input of graphical representations of the plurality of the objects provided at a graphics editor first output, ~~said graphical representations comprising at least one graphic and comprising at least zero-text characters~~, said graphics editor additionally for providing an indication of the at least one command in the first set at a graphics editor second output;

an editor manager having a first input coupled to the graphics editor second output for receiving the indication, and a second input for receiving the set of information, the editor manager for displaying at a location of a display screen via a first output a text-based editor for editing at least one selected from:

~~adding text to, and~~

~~altering text of,~~

a portion of the information, the portion and the location responsive to the first set of at least one command; and

an initial text/label selector having a first input coupled to the graphics editor second output for receiving the indication of the at least one command, and a second input operatively coupled for receiving the set of information, the initial text/label selector for identifying an initial text responsive to the indication and the set of information and providing the initial text at an output; and

wherein the editor manager additionally comprises a third input coupled to the initial text/label selector for receiving the initial text and the editor manager displays the text editor responsive to the initial text.

24. (Previously Presented) The system of claim 23 wherein:

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 7 of 19

Attorney's Docket No.: 07844-746001 / M143

the editor manager is additionally for receiving from an author at a third input at least one text alteration and for providing at least the text alteration at a second output; and

the system additionally comprising a commit manager having a first input coupled to the editor manager output for receiving the text alteration, and a second input for receiving at least a portion of the set of information, the commit manager for altering via a second output the set of information responsive to the at least one text alteration and the first set of at least one command.

25. (Previously Presented) The system of claim 24 wherein the commit manager alters the set of information additionally responsive to a second set of at least one command received at a third input after at least a portion of the first set of at least one command is received.

26. (Previously Presented) The system of claim 23 wherein the first set of at least one command comprises a selection of at least one of the plurality of objects.

27. (Previously Presented) The system of claim 26 wherein the location of the text-based editor displayed by editor manager is responsive to a location of the at least one object selected.

28. (Previously Presented) The system of claim 23 wherein the first set of at least one command comprises an indication of a location of an insertion point.

29. (Previously Presented) The system of claim 28 wherein the location of the text-based editor displayed by editor manager is responsive to the location of the insertion point.

30. (Currently Amended) The system of claim ~~22~~ 23 wherein at least a plurality of the plurality of objects each comprise at least one command and the text-based editor provided by the editor manager allows at least one selected from an alteration of not more than one of said commands at one time and an addition of not more than one additional command at a time.

31. (Previously Presented) The system of claim 30 wherein said commands each comprise not more than one begin tag and the additional command comprises not more than one begin tag.

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 8 of 19

Attorney's Docket No.: 07844-746001 / M143

32. (Currently Amended) The system of claim 22 23 additionally comprising a code editor for displaying an additional text based editor at a second location of a display screen, the additional text based editor for editing at least one selected from:

~~adding text to, and~~

~~altering text of;~~

at least a second portion of the information, at least one selected from the second portion and the second location unresponsive to at least the first set of at least one command.

33. (Previously Presented) The system of claim 23 wherein the information comprises source code.

34. (Previously Presented) The system of claim 33 wherein the source code comprises source code for a web page.

35. (Previously Presented) The system of claim 33 wherein the source code comprises source code for graphical information.

36. (Canceled)

37. (Previously Presented) The system of claim 34 wherein the editor manager operates the text-based editor in one of a plurality of modes of operation responsive at least to the first set of at least one command.

38. (Previously Presented) The system of claim 37:

additionally comprising an initial text/label selector having a first input coupled to the graphics editor second output for receiving the indication of the at least one command, the initial text/label selector for identifying a label responsive to the indication and providing the label at an output;

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 9 of 19

Attorney's Docket No.: 07844-746001 / M143

wherein the editor manager additionally comprises a third input coupled to the initial text/label selector for receiving the label and the editor manager displays the text editor responsive to the label; and

wherein the label identifies the one of the plurality of modes of operation of the text-based editor.

39. (Previously Presented) The system of claim 23:

additionally comprising an initial text/label selector having a first input coupled to the graphics editor second output for receiving the indication of the at least one command, the initial text/label selector for identifying a label responsive to the indication and providing the label at an output;

wherein the editor manager additionally comprises a third input coupled to the initial text/label selector for receiving the label and the editor manager displays the text editor responsive to the label.

40. (Previously Presented) The system of claim 23:

wherein editor manager additionally comprises a third input operatively coupled for receiving at least one word from a plurality of possible words; and

the system additionally comprising a hint manager for displaying at an output the plurality of possible words.

41. (Previously Presented) The system of claim 40, wherein:

the text-based editor comprises a cursor having a location provided at a second output of the editor manager; and

the hint manager comprises a first input coupled to the editor manager second output for receiving the location of the cursor, and the hint manager displays the plurality of possible words responsive to the location of a cursor.



Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 10 of 19

Attorney's Docket No.: 07844-746001 / M143

42. (Previously Presented) The system of claim 40 wherein:

the plurality of possible words comprises at least one value of an attribute; and

the hint manager additionally comprises a second input operatively coupled for receiving the set of information, and the hint manager displays the plurality of possible words responsive to at least one value of each of at least one corresponding attribute in the set of information.

43. (Previously Presented) The system of claim 23 wherein:

the editor manager additionally comprises a third input for receiving a command indicating a request to select a subset of text in the text-based editor; and

the editor manager additionally for selecting the subset of text responsive to said command received at the editor manager third input.

44. (Previously Presented) The system of claim 23, wherein the editor manager is additionally for checking a syntax of the text and altering the text responsive to the editor manager identifying a syntax error.

45. (Currently Amended) A computer program product comprising a computer useable medium having computer readable program code embodied therein for editing a set of information comprising a plurality of objects, the computer program product comprising computer readable program code devices configured to cause a computer to:

receive a first set of at least one command in a graphical editor, said graphical editor allowing the information in the set to be edited by graphical manipulation of graphical representations of the plurality of the objects, ~~said graphical representations comprising at least one graphic and comprising at least zero text characters;~~

identify an initial text responsive to the set of information and the indication of the at least one command; and

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 11 of 19

Attorney's Docket No.: 07844-746001 / M143

display, responsive to the initial text identified, at a location on a display screen a text-based editor for editing at least one selected from:

~~adding text to, and~~

~~altering text of;~~

a portion of the information, the portion and the location responsive to at least the first set of at least one command.

46. (Previously Presented) The computer program product of claim 45 additionally comprising computer readable program code devices configured to cause the computer to:

receive from an author at least one text alteration via the text-based editor; and

alter the information responsive to the receipt of the at least one text alteration and the first set of at least one command.

47. (Previously Presented) The computer program product of claim 46:

additionally comprising computer readable program code devices configured to cause the computer to receive a second set of at least one command after at least a portion of the first set of at least one command is received; and

wherein the computer readable program code devices configured to cause the computer to alter are responsive to the second set of at least one command.

48. (Previously Presented) The computer program product of claim 47 wherein the first set of at least one command comprises a selection of at least one of the plurality of objects.

49. (Previously Presented) The computer program product of claim 48 wherein the location is responsive to a location of the at least one object selected.

50. (Previously Presented) The computer program product of claim 45 wherein the first set of at least one command comprises an indication of a location of an insertion point.

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 12 of 19

Attorney's Docket No.: 07844-746001 / M143

51. (Previously Presented) The computer program product of claim 50 wherein the displaying step comprises displaying the text-based editor responsive to the location of the insertion point.

52. (Previously Presented) The computer program product of claim 45 wherein at least a plurality of the plurality of objects each comprise a command, and the text based editor allows at least one selected from an addition and an alteration of not more than one of said commands at one time and an addition of not more than one additional command at a time.

53. (Previously Presented) The computer program product of claim 52 wherein said commands each comprise not more than one begin tag and the additional command comprises not more than one begin tag.

54. (Currently Amended) The computer program product of claim 45 additionally comprising computer readable program code devices configured to cause the computer to display at a second location of a display screen an additional text based editor for editing ~~at least one selected from:~~

~~adding text to, and~~

~~altering text of,~~

at least a second portion of the information, at least one selected from the second portion and the second location unresponsive to at least the first set of at least one command.

55. (Previously Presented) The computer program product of claim 45 wherein the information comprises source code.

56. (Previously Presented) The computer program product of claim 55 wherein the source code comprises source code for a web page.

57. (Previously Presented) The computer program product of claim 55 wherein the source code comprises source code for graphical information.

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 13 of 19

Attorney's Docket No.: 07844-746001 / M143

58. (Canceled).

59. (Previously Presented) The computer program product of claim 45 wherein the text-based editor operates in one of a plurality of modes of operation responsive at least to the first set of at least one command.

60. (Previously Presented) The computer program product of claim 59:

additionally comprising computer readable program code devices configured to cause the computer to identify a label responsive to the indication of the at least one command;

wherein the computer readable program code devices configured to cause the computer to display are responsive to the initial text identified; and

wherein the label identifies the one of the plurality of modes of operation of the text-based editor.

61. (Previously Presented) The computer program product of claim 45 wherein the computer readable program code devices configured to cause the computer to display comprise computer readable program code devices configured to cause the computer to:

identify at least one label responsive to the first set of at least one command; and

display the at least one label identified.

62. (Previously Presented) The computer program product of claim 45:

wherein the text-based editor accepts at least one word from a plurality of possible words; and

the computer program product additionally comprising computer readable program code devices configured to cause the computer to display the plurality of possible words.

Applicant : Narciso Jaramillo, et al.  
Serial No. : 09/991,759  
Filed : November 23, 2001  
Page : 14 of 19

Attorney's Docket No.: 07844-746001 / M143

63. (Previously Presented) The computer program product of claim 62 wherein the computer readable program code devices configured to cause the computer to display the plurality of possible words are responsive to a location of a cursor in the text editor.

64. (Previously Presented) The computer program product of claim 62 wherein:

the plurality of possible words comprises at least one value of an attribute; and

the computer readable program code devices configured to cause the computer to display the plurality of possible words step are responsive to at least one value of each of at least one corresponding attribute in the set of information.

65. (Previously Presented) The computer program product of claim 45 wherein:

the text-based editor is additionally for receiving a command indicating a request to select a subset of text in the text-based editor; and

the computer program product additionally comprising computer readable program code devices configured to cause the computer to select the subset of text responsive to said command.

66. (Previously Presented) The computer program product of claim 45, additionally comprising computer readable program code devices configured to cause the computer to:

check a syntax of the text; and

alter the text responsive to the computer readable program code devices configured to cause the computer to check.